

Scout Report sent out ☒

Noted in the NID File ☒

Location map pinned ☒

Approval or Disapproval Letter ☒

Date Completed, P. & A. or
operations suspended 12-20-55

Pin changed on location map ☐

Affidavit and Record of A & ☒

Water Shut-Off Test ☐

Gas-Oil Ratio Test ☐

Well Log Filed ☒

FILE NOTATIONS

Entered in NID File ☒

Entered On S R Sheet ☒

Location Map Pinned ☒

Card Indexed ☒

IWR for State or Fee Land ☐

Checked by Chief ☒

Copy NID to Field Office ☒

Approval Letter ☒

Disapproval Letter ☐

COMPLETION DATA:

Date Well Completed 12-19-55

Location Inspected ☐

OW _____ WW _____ TA _____

Bond released ☐

GW _____ OS _____ PA ☒

State of Fee Land ☐

LOGS FILED

Driller's Log 1-10-56

Electric Logs (No.) 7

E ☒ I ☒ E-I ☒ GR ☐ GR-N ☐ Micro ☒

Lat ☒ Mi-L ☒ Sonic ☐ Others Radiation log - Run 7-2; 3

Subsequent Report of Abandonment Temperature log

	33		
	0		

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYIndian Agency _____
Navajo-Tribal _____
Allottee _____
Lease No. 14-20-603-277

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

C O P Y

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

C O P Y

September 7, 1955, 19

Navajo-Gothic

Well No. 1 is located 835 ft. from N line and 2015 ft. from E line of sec. 33SE SW Sec 33
(1/4 Sec. and Sec. No.)41S
(Twp.)22E
(Range)SLM
(Meridian)Gothic WC
(Field)San Juan
(County or Subdivision)Utah
(State or Territory)

The elevation of the derrick floor above sea level is _____ ft. Not run yet.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Rotary drilling equipment will be used to drill into the Molas Formation, estimated TD 6100'. Surface formation Morrison. Surface Casing: Approximately 1300' of 10-3/4" OD 32.75# & 40.5# smls csg, cemented to surface. Production string 7" OD 23# J55 & N80 smls casing. Mud program - conventional mud and/or gyp or salt base mud as required. Drill stem tests - all oil and gas shows will be tested. Logs - electric logs etc will be run before setting casing or abandonment. A mud logging unit may be employed. Will complete in open hole and/or perforate oil string as required. Stimulating treatments such as acid or hydraulic fracturing may be employed.

* Approved 9-18-55.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE CARTER OIL COMPANY

Box 591

Address _____

Vernal, Utah

COPY (ORIGINAL) B. M. BRADLEY
By B M BradleyTitle District Superintendent

(SUBMIT IN TRIPLICATE)

Indian Agency

Navajo-Tribal

Allottee

Lease No. 14-20-603-277

State

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

	33	
0		

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	Report of Setting Surface Casing	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

September 30, 1955, 19.....

Navajo-Gothic
Well No. 1 is located 835 ft. from N line and 2015 ft. from W line of sec. 33
SE SW Section 33 41S 22E SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Gothic Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is ft. Not run yet.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded 9-18-55. Ran 43 joints of 10-3/4" OD casing -(1,230' of H40 32.75# smls and 128' of J55 40.5# smls). Set at 1,366' cemented with 965 sacks of regular cement. Baker guide shoe at 1366', float collar at 1334', centralizers at 1350' and 1300'. Good cement returns. Drilled plug-tested cement with 500# H40 OK.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE CARTER OIL COMPANYAddress Box 591
Vernal, UtahCOPY (ORIGINAL SIGNED) B. M. BRADLEYBy B M BradleyTitle District Superintendent

	33	
0		

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency

Navajo-Tribal

Allottee

Lease No. 11-20-603-277

state

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	Report of Drill Stem Test	x

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

C O P Y

C O P Y

November 8, 1955

19

Navajo-Gothic
Well No. 1 is located 835 ft. from ~~N~~_S line and 2015 ft. from ~~E~~_W line of sec. 33
SE SW Section 33 41S 22E SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Gothic Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5016 ft. 5004' G.L.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

DST #1 - TD 5537' - packer at 5465' - Tool open 4 hours 30 minutes, shut in 30 minutes. Weak initial blow increasing to good in 30 minutes and holding throughout test. Sweet gas to surface in 3 hours 45 minutes. Small amount burning a 2' flame from 2" pipe. Recovered 360' fluid of which 90' heavily gas cut drilling mud, 270' heavily oil and gas cut drilling mud. Grind out shows 10% of heavy green oil. IFP 150#, FFP 200#, 30 minutes BHP 1225#, Hydrostatic 2975#.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE CARTER OIL COMPANY

Address Box 591
Vernal, UtahBy COPY (ORIGINAL SIGNED) B. M. BRADLEY
B. M. Bradley

Title District Superintendent

	33	
0		

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Navajo-Tribal
Allottee _____
Lease No. 14-20-603-277

state

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	Report of Drill Stem Test	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

C O P Y

c o p y

November 8, 1955, 19

Navajo-Gothic

Well No. 1 is located 835 ft. from N line and 2015 ft. from W line of sec. 33
SE SW Section 33
(1/4 Sec. and Sec. No.) 41S 22E 11M
(Twp.) (Range) (Meridian)
Gothic Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5016 ft. 5001 C.D.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

DST #2 - TD 5573' packers at 5552' and 5557' - Tool open 2 hours, shut in 30 minutes. Weak initial blow died in 30 minutes, bypassed tool twice, both times very weak blow that died in 10 minutes. Recovered 100' drilling mud with 16 units of gas and 1550 PPM salt. IFF 0#, FFP 0#, SIP 0#, Hydrostatic 3000#.

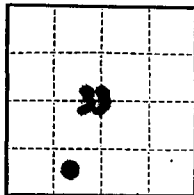
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE CARTER OIL COMPANY

Address Box 591

Vernal, Utah

By COPY (ORIGINAL SIGNED) B. M. BRADLEY
B M Bradley
Title District Superintendent



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency

Navajo-Tribal

Allottee

Lease No. **11-20-403-277**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	Report of Drill Stem Test	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 18, 1955

19

Navajo-Gothie

Well No. **1** is located **835** ft. from **SM** line and **2015** ft. from **W** line of sec. **33**

SE SW Sect 33

(1/4 Sec. and Sec. No.)

41S

(Twp.)

22E

(Range)

SLM

(Meridian)

Gothie WC

(Field)

San Juan

(County or Subdivision)

Utah

(State or Territory)

The elevation of the derrick floor above sea level is **5016** ft. **500h' G.L.**

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

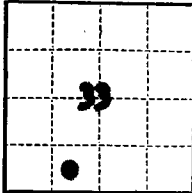
IST #3 - TD 5976' - packer at 5906'. Tool open 2 hours shut in 30 minutes. Weak initial blow dead in 10 minutes, by passed tool in 15 minutes weak blow dead in 3 minutes, bypassed tool in 40 minutes dead in 1 minute. Recovered 25' drilling mud, very slightly gas out, no gas to surface. IFF O, FFP O, SIP 450#, hydrostatic 3375#.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **THE CARTER OIL COMPANY**Address **Box 591****Vernal, Utah**

By

COPY (ORIGINAL SIGNED) **B. M. BRADLEY****B M Bradley**Title **District Superintendent**



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency _____

Navajo-Tribal

Allottee _____

Lease No. **14-80-403-877**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	Report of setting 7" Casing	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 28, 1955

19

Navajo-Geothic

Well No. **1** is located **835** ft. from **S** line and **2015** ft. from **W** line of sec. **33**

SE SW Section 33

418

22E

31N

(1/4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

Geothic WC

San Juan

Utah

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the derrick floor above sea level is **5026** ft. **500h' O.L.**

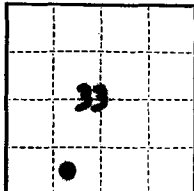
DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Ran 138 joints, threads off 5678', of 7" OD 23# steel casg, set at 5690' (Bottom 1673' N-80 5690'-4017', Next 1448' AO Smith 895 4017'-2869', Next 2833' J-55 2869'-36', Top 24' N-80 36'-1' above surface), Guide shoe at 5690', Float @ 5644', Centralizers 5680-5624-5470, Scratchers 5673-5688', 5360-75, 5445-60, 5360-75, Cemented with 200 sacks of cement with 3% gel added and 100 sacks straight cement, rotated pipe, returns at all times, job complete 5:15 AM 11-27-55.
TD 6,467' - PETD at float 5644'.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **THE CARTER OIL COMPANY**Address **Box 591****Vernal, Utah**COPY (ORIGINAL SIGNED) **B. M. BRADLEY**By **B M Bradley**Title **District Superintendent**



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Navajo-Tribal
Allottee _____
Lease No. 14-80-603-277

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	<input checked="" type="checkbox"/>		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 19, 1955

Navajo-Gothie
Well No. 1 is located 895 ft. from NE line and 2015 ft. from W line of sec. 33
SE SW Section 33 41S 22E SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Gothie WC San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5016 ft. 5004' CL

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

To plug and abandon as follows: TD 6467', PSTD at float 5644':
To spot 30 sacks cement from 5560' to 5470'. To run House free point indicator to locate free point of 7" Casing - to shot off and pull as much 7" Casing as possible (Est 2700 to 2800'). To place 30 sacks of cement on stub of 7", to spot 50 sacks cement 1420' - 1320', and 20 sacks cement in top of surface casing. To install 4" Dry hole marker extending 4' above ground level.

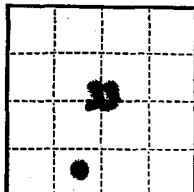
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE CARTER OIL COMPANY

Address Box 591

Vernal, Utah

COPY (ORIGINAL SIGNED) B. M. BRADLEY
By B M Bradley
Title District Superintendent



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency _____
Navajo-Ortelle
Allottee _____
Lease No. **14-60-693-277**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	X
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 20, 1955, 19____

Navajo-Ortelle

Well No. **1** is located **835** ft. from **S** line and **2015** ft. from **W** line of sec. **33**
SE SW Section 33 **41S** **22E** **81N**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Ortelle WC **San Juan** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **5016** ft. **5004'**

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Plugged and abandon as follows: TD **6467'** - FSTD **5644'**:

Placed 30 sack cement plug from **5560'** to **5470'**. Ran House Free Point indicator, pipe free at **2750'**, ran House string shot at **2750'**, fired shot-could not free pipe. Ran second string shot, found collar at **2574'**, pulled **140,000#** on casing fired shot, casing free at **2574'** pulled 63 joints of casing. Placed 30 sacks of cement on 7" stub at **2574'**. Spotted 50 sacks cement **1420'-1320'** and 20 sacks of cement in top of surface casing. Intervals between plugs filled with drilling mud. Placed a 4" Dry hole marker in top of surface casing extending 4' above ground level.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **THE CARTER OIL COMPANY**

Address **Box 591**

Vernal, Utah

By **COPY (ORIGINAL SIGNED) B. M. BRADLEY**
B M Bradley
Title **District Superintendent**

U. S. LAND OFFICE

SERIAL NUMBER 14-20-603-277

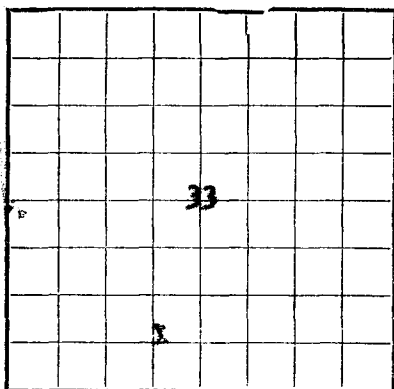
LEASE OR PERMIT TO PROSPECT

Navajo-Gothic

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company The Carter Oil Company Address Box 591, Vernal, Utah
 Lessor or Tract Navajo-Gothic Field Gothic No. State Utah
 Well No. 1 Sec. 33 T. 11S R. 22E Meridian SLM County San Juan
 Location 335 ft. N. of 3 Line and 2015 ft. E. of 11 Line of Section 33 Elevation 5016'
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed COPY (ORIGINAL SIGNED) B. M. BRADLEYDate January 9, 1956Title District Superintendent

The summary on this page is for the condition of the well at above date.

Commenced drilling 9-18-55, 19..... Finished drilling 12-19-55, 19.....

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 0 to No. 4, from to
 No. 2, from to No. 5, from to
 No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 112' to 719' No. 3, from to
 No. 2, from to No. 4, from to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10-3/4"	32.75	8rd	110	1230'	"	"			Surface
10-3/4"	32.5	8rd	110	1178'	"	"			Surface
7"	23	8rd	110	1187'	"	"			Surface
7"	23	8rd	110	2369'	"	"			Surface
7"	23	8rd	110	2369'	"	"			Surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	1366'	965	Halliburton		
7"	5690'	300	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set
 Adapters—Material Size

12-3/4"	1300'	965	Wellborton		
7"	5690'	300	Wellborton		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ 12-19-55 _____, 19 _____ Put to producing _____, 19 _____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	60'	60'	Jurassic Morrison
60'	1142'	382'	San Rafael Group
1142'	1129'	987'	Olen Canyon Group
1129'	2295'	866'	Shinarump - Triassic
2295'	1070'	1775'	Permian - Butler
1070'	4398'	328'	Missouri
4398'	5537'	1139'	Pennsylvanian - Upper Hermosa
5537'	6257'	720'	Paradox
6257'	6399'	142'	Lower Hermosa
6399'	6467'	68'	Wabash

(SEE ATTACHED REPORT FOR COMPLETION
ATTEMPT AND TESTING.)

FROM—

TO—

TOTAL FEET

(OVER)

FORMATION

16-48004-3

History of Perforating and Testing Navajo-Gothic #1 located in the SE SW of Section 33-41S-2E, 9E, San Juan County, Utah.

Set 7" Casing @ 5690', cemented with 300 sacks cement. Ran temperature survey-top of cement 4385'. Ran 2½" tbg and displaced water with oil. Perforated from 5597'-5620' with Lane Wells casing jet shots(4 shots per foot) measurement by Lane Well collar log. Ran Baker full bore retainer on 2½" tbg, set packer @ 5570' spotted 500 gallons mud acid on bottom, started pumping in @ 10:45 AM 12-2-55, pressure rose to 5000#, @ 1:30 PM had 4 bbls in formation, @ 2 PM raised pressure to 6000#, @ 2:17 PM had 9 more bbls in formation @ 6000#, formation broke pressure dropped to 3900#, injection rate 3 bbls per minute, final pressure 4000# @ 3.3 bbls per minute, Job complete @ 2:21 PM 12-2-55, displaced acid into formation with 10 bbls oil - acid set on formation 1 hour, started swabbing - swabbed 21 bbls load with no fillup - shut down for darkness. Started swabbing @ 7:00 AM 12-3-55 - swabbed to bottom @ 11:00 AM - from 11 AM to 11 PM swabbed ½ bbls salty acid water, swabbed to 7 AM 12-4-55 - swabbed a total of 34 bbls load oil and 21½ bbls salty acid water, on acid job had used 43 bbls oil & 11½ bbls acid - @ 9 bbls oil not recovered. 12-5-55 - started to acidize, had 1000 gallons regular acid, 2000 gallons Jell X500 and 210 gallons regular acid pumped in the tbg which put 29 bbls acid in formation, had 1500# pressure on csg and 5000# on tbg, pressure increased from 1500# to 2900# on csg before pump could be shut down - opened valve on 10-3/4" csg & had oil returns, pulled tbg & found packing gone on reverse sub of Baker tool. Took off preventers & tbg spool found packing gone between 7" & 10-3/4" casing. Repaired csg housing & packing, went in hole with Baker tool, found split in 7" csg 31½' from Kelly bushing, cut 7" csg off 50' below Kelly bushing, spliced 7" csg, tested with packer @ 60' OK. Ran tbg with packer set @ 5570' swabbed to 2000' after setting packer and tested @ 1600 psi casing OK, 12-8-55. - 12-9-55 Shut down till 5 PM wait on swab parts. From 5:30 PM to 6:30 PM swabbed 21 bbls oil and 6½ bbls acid water - From 5 PM 12-10-55 to 7 AM 12-11-55 swabbed 26 bbls salty water no oil or gas - have swabbed a total of 14 bbls oil & 60 bbls water from lower zone since acidizing. Set Lane Wells C.I. plug @ 5570' with 2 sacks cement on top, perforated 5495-5515' and 5523-27' with 4 shots per foot(2 S Jets & 2 E Gun bullets). Ran tbg with top of packer @ 5465', pressured csg for 15 min @ 1500# held OK. Swabbed 1 hr for 6 bbls load oil leaving 25 bbls load oil to recover. 12-12-55 Swabbed 3 hrs recovered 31 bbls oil, swab 4 hrs 5 bbls salt water. Equalized pressures, lowered & reset packer @ 5538', loaded tbg with 34 bbls oil, pressured up tbg to 3000# held OK for 20 min. Reset packer @ 5465' pressured csg to 1200# OK. Swabbed 1 hr recovered 31 bbls load oil. Pumped in 500 gal mud acid, acid in tbg @ 200#, displaced with load oil - Max & Final pressure 3600#, held for 5 min @ 3200# completed @ 7:21 PM 12-12-55, swabbed 3 hrs recovered 38 bbls load oil, swab 1 hr recovered 12 bbls acid water, swab 6 hrs recovered ½ bbl oil & 17½ bbls salt water w/ slight amount of gas, swabbed noon to 1 PM 12-13-55 2½ bbls salt water, 1 to 2 PM 2 bbls salt water, 2 to 3 PM 3 bbls salt water, 3 to 4 PM 2½ bbls salt water, swab 19 hrs for 21 bbls salt water & 3/4 bbls oil - last 5 hrs @ 1.17 bbls water per hour. 12-14-55 Acidized as follows - 50 gals Fixafrac in @ 4300#, 1000 gals reg acid in @ 4200#, 2000 gals Jell X500 in @ 5000#, 1000 gallons reg acid in @ 5000#, dropped to 4200#, 200 gals Fixafrac hit @ 4200#, Max 5200#, 1000 gallons reg acid Max 5200# - min 4200#, 2000 gals Jell X500 hit @ 4200#. Max 4600#, broke to 4100#, 1000 gals reg hit at 4200# and 4200#, flushed with 43 bbls oil in formation; 5 minutes standing pressure 4000#, well shut in @ 4000#, packing, csg and tbg OK. Complete @ 12 noon 12-14-55-have 191 bbls acid water & 80 bbls of oil to recover. Let set 2 hrs, blew off pressure in 45 min, recovered 16½ bbls oil, swabbed for 3:15 PM 12-14 to 7 AM 12-15 recovered 65 bbls oil & 103 bbls acid water. Continued swabbing to 12-18 have 15 bbls oil & 20 bbls acid water yet to recover. Pulled tbg & Baker packer, displaced oil from hole with mud. Plugged and abandoned.(See plugging report)